

# HC-HPR-B16-BCLWH-E-BK - Protective cover



1418445

<https://www.phoenixcontact.com/us/products/1418445>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.

Protective cover B16, with screw locking, material: Die-cast aluminum, protective cover material: Al, height: 32 mm, seal: no, for increased environmental and EMC requirements



## Your advantages

- Vibration and shock: IEC 61373/EN 50155, category 1, class 1B

## Commercial data

Item number	1418445
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF66
Product key	AF7AZC
GTIN	4055626140247
Weight per piece (including packing)	166.9 g
Weight per piece (excluding packing)	150.67 g
Customs tariff number	85389099
Country of origin	CN

# HC-HPR-B16-BCLWH-E-BK - Protective cover

1418445

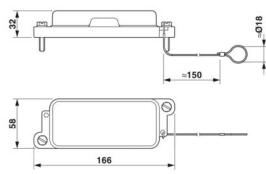
<https://www.phoenixcontact.com/us/products/1418445>

## Technical data

### Product properties

Product type	Protective cover
Housing type	Protective cover
Series	HPR-B16
Application	for increased environmental and EMC requirements
Type	B16
Retaining cord present	yes
Seal present	no

### Dimensions

Dimensional drawing	
Width	58 mm
Height	32 mm
Length	166 mm

### Material specifications

Color	black (RAL 9005)
Material Protective cover	Die-cast aluminum (powder-coated)
Housing material	Die-cast aluminum
Housing surface material	Powder-coated, black
Material, protective cover	Al
Locking latch material	Stainless steel

### Mechanical properties

#### Mechanical data

Locking type	Screw
--------------	-------

### Environmental and real-life conditions

#### Ambient conditions

Degree of protection	IP66
	IP68
	IP69 (ISO 20653:2013-02)
Ambient temperature (operation)	-40 °C ... 125 °C

# HC-HPR-B16-BCLWH-E-BK - Protective cover

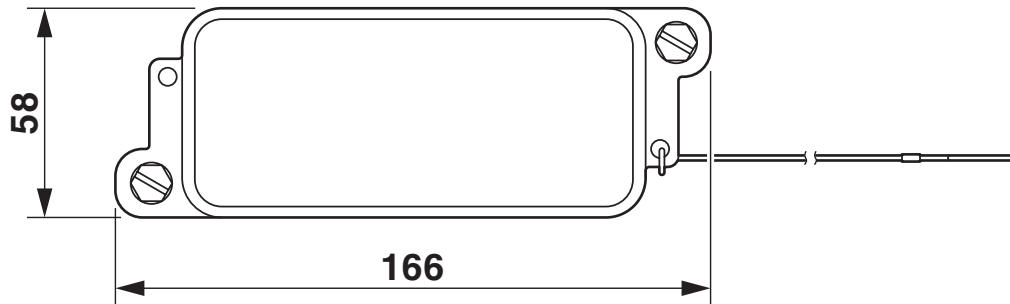
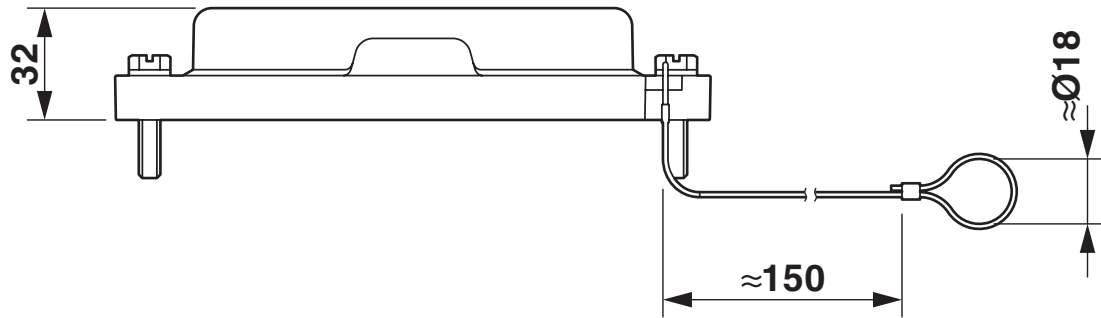


1418445

<https://www.phoenixcontact.com/us/products/1418445>

## Drawings

Dimensional drawing



Dimensional drawing

# HC-HPR-B16-BCLWH-E-BK - Protective cover



1418445

<https://www.phoenixcontact.com/us/products/1418445>

## Approvals

🔗 To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1418445>

**DNV**

Approval ID: TAE000037S



**EAC**

Approval ID: RU C-DE.AI30.B.01102

1418445

<https://www.phoenixcontact.com/us/products/1418445>

## Classifications

### ECLASS

ECLASS-13.0	27440208
ECLASS-15.0	27440208

### ETIM

ETIM 10.0	EC002314
-----------	----------

### UNSPSC

UNSPSC 21.0	39121400
-------------	----------

1418445

<https://www.phoenixcontact.com/us/products/1418445>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

### China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

### EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	bdce6a7f-41ac-4b10-97fa-2368eae063b4

### EF3.1 Climate Change

CO2e kg	6.472 kg CO2e
---------	---------------

Phoenix Contact 2026 © - all rights reserved  
<https://www.phoenixcontact.com>

Phoenix Contact USA  
586 Fulling Mill Road  
Middletown, PA 17057, United States  
(+717) 944-1300  
[info@phoenixcon.com](mailto:info@phoenixcon.com)